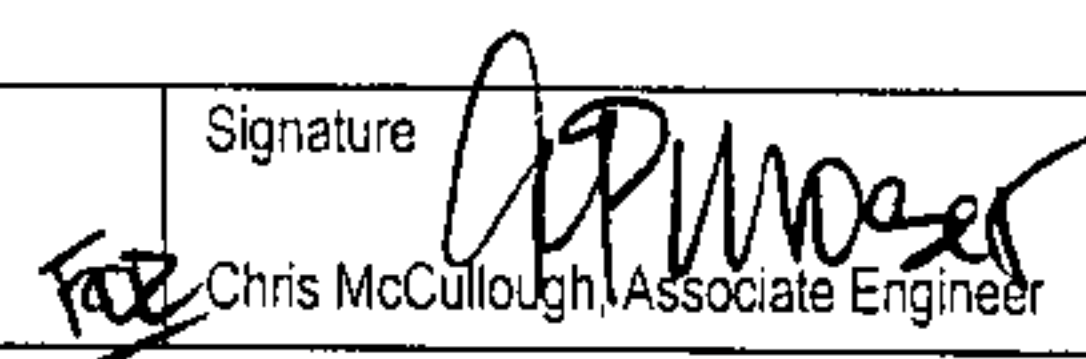


RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES  
**REPORT OF PROPERTY AND WELL TRANSFER**

Field or county    Wilmington		District - Cypress (D1)	
Former owner    Four Teams Oil Production & Exploration Company, Inc.		Opcode:    F1535	Date    August 12, 2010
<p><b>SEE ATTACHMENT</b></p>			
Name and location of well(s)			
Description of the land upon which the well(s) is (are) located			
See Attachment			
Date of transfer, sale, assignment, conveyance, or exchange 8/1/2010	New Owner E & B Natural Resources Management Corp.	Operator code E0100	Type of Organization Corporation
	Address 1600 Norris Road Bakersfield, CA 93308		Telephone No. (661) 679-1700
Reported by    OG30A received 8/11/2010 signed by both parties			
Confirmed by. Same as above			
New operator new status (status abbreviation) PA	Request Designation of Agent Jeffrey Blesener		
Old operator new status (status abbreviation) PA	Remarks See Operator File		
Deputy Supervisor  Kenneth Carlson		Signature  Chris McCullough, Associate Engineer	

**OPERATOR STATUS ABBREVIATIONS**

PA - Producing Active	FORM AND RECORD CHECK LIST					
	Form or record	Initials	Date	Form or record	Initials	Date
NPA - No Potential Active						
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		

OGD156 (Modified 1/00)

E & B Natural Resources Mgmt. Corp.

# **WELL TRANSFER NOTICE**

**On 12-21-98**

**XL OPERATING COMPANY**

**transferred**

**all wells in the Wilmington field**

**(See OGD156 dated December 21, 1998 for complete list)**

**to**

**FOUR TEAMS OIL PROD. & EXPL., INC.**

# **WELL TRANSFER NOTICE**

Effec February 7, 1997

**XTRA ENERGY CORPORATION**

***TRANSFERRED***

*all wells Wilmington*

*(See Operator File for Complete List)*

***TO***

**XL OPERATING COMPANY**

***SEE OGD156 DATED 02-7-97***

STATE OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Long Beach, California

October 17, 1983

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

2501 Cherry Avenue, Suite 270

Signal Hill, CA 90806

Your request, dated September 15, 1983, proposing to change the designation of  
see  
well(s) in Sec. below, T. 4S, R. 13W, S. B. & M., Wilmington field,  
Los Angeles County, District No. 1, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized  
as follows: Sec. 19-4S-13W

OLD	NEW	DESIGN.	API
8	"WNF-I"	8	22620
10	"WNF-I"	10	22611
18	"WNF-I"	18	22853
19	"WNF-I"	19	22846
20	"WNF-I"	20	22652
23	"WNF-I"	23	22672
26	"WNF-I"	26	22666-01
27	"WNF-I"	27	22673
28	"WNF-I"	28	22674
29	"WNF-I"	29	22648
43	"WNF-I"	43	22682
Sec. 20-4S-13W			
42	"WNF-I"	42	22689
44	"WNF-I"	44	22820

OLD	NEW	API
"American Can" 1	"WNF-I" 12	21433
" 2	"WNF-I" 15	21644
" 3	"WNF-I" 3	21768
"Dasco Unit" 1	"WNF-I" 1	21671
I-14	"WNF-I" 11	22603
"Purex Unit" 1	"WNF-I" 9	21669
" 2	"WNF-I" 5	21753
" 3	"WNF-I" 4	21754
"Sanitation Unit" 1	"WNF-I" 21	21445
Sec. 20-4S-13W		
31 "WNF-I" 31	22767	36 "WNF-I" 36 22769
33 "WNF-I" 33	22768	37 "WNF-I" 37 22796
34 "WNF-I" 34	22787	38 "WNF-I" 38 22752
35 "WNF-I" 35	22795	39 "WNF-I" 39 22754

EDP  
Update  
Conservation Committee  
Long Beach Dept. of Oil Properties  
OGD 157 (3-79-DWRR-1M)

M. G. MEFFERD, State Oil and Gas Supervisor

By

*Richard C. Gaede*  
FOR V. F. GAEDE, Deputy Supervisor

Sec. 20-4S-13W

OLD.	NEW	API 037-
"Shell Unit" 1	"WNF-I" 32	21729
"Shell Unit" 2	"WNF-I" 40	21769

Sec. 29-4S-13W

"Lomita Unit" 1	"WNF-I" 67	22487
49	"WNF-I" 49	22886
50	"WNF-I" 50	22884
51	"WNF-I" 51	22885
53	"WNF-I" 53	22874
54	"WNF-I" 54	22871
56	"WNF-I" 56	22865
57	"WNF-I" 57	22815

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Xtra Energy Well No. 27  
 API No. 037-22673 Sec. 19, T. 45, R. 13W, S.B. B.&M.  
 County L.A. Field Wilmington

RECORDS RECEIVED	DATE	
Well Summary (Form OG100)	<u>11/1/82</u>	<u>(2)</u>
History (Form OG103)	<u>11/1/82</u>	<u>(2)</u>
Core Record (Form OG101)	<u>11/1/82</u>	<u>(2)</u>
Directional Survey	<u>11/1/82</u>	<u>(2)</u>
Sidewall Samples		
Other		
Date final records received		
Electric logs:		
<u>Ind. Elect.</u>	<u>11/1/82</u>	<u>(2)</u>
<u>Ind. Elect.</u>	<u>11/1/82</u>	<u>(2)</u>

STATUS		STATUS	
Producing - Oil	<u>X</u>	Water Disposal	
Idle - Oil		Water Flood	
Abandoned - Oil		Steam Flood	
Drilling - Idle		Fire Flood	
Abandoned - Dry Hole		Air Injection	
Producing - Gas		Gas Injection	
Idle - Gas		CO <sub>2</sub> Injection	
Abandoned - Gas		LPG Injection	
Gas-Open to Oil Zone		Observation	
Water Flood Source			
DATE	<u>7-5-82</u>		
RECOMPLETED			
REMARKS			

ENGINEER'S CHECK LIST

- Summary, History, & Core record (dupl.) ✓
- Electric Log ✓
- Operator's Name ✓
- Signature ✓
- Well Designation ✓
- Location ✓
- Elevation ✓
- Notices ✓
- "T" Reports ✓
- Casing Record ✓
- Plugs ✓
- Surface Inspection ✓
- Production ✓
- E Well on Prod. Dir. Sur. ✓

CLERICAL CHECK LIST

- Location change (F-OGD165) ✓
- Elevation change (F-OGD165) ✓
- Form OGD121 ✓
- Form OG159 (Final Letter) ✓
- Form OGD150b (Release of Bond) ✓
- Duplicate logs to archives ✓
- Notice of Records due (F-OGD170) ✓

11/22/82

BB

RECORDS NOT APPROVED

Reason: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RECORDS APPROVED W. E. Brannon

RELEASE BOND

Date Eligible \_\_\_\_\_  
 (Use date last needed records were received.)

MAP AND MAP BOOK 28 11/2/82

# CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Well No. \_\_\_\_\_

API No. \_\_\_\_\_ Sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_, \_\_\_\_\_ B.&M.

## WORK PERFORMED

## STATUS

## DATE

Drill \_\_\_\_\_ Redrill \_\_\_\_\_ Deepen \_\_\_\_\_

Producing \_\_\_\_\_

Plug \_\_\_\_\_ Alter Casing \_\_\_\_\_

Recompleted Producing \_\_\_\_\_

Water Flood \_\_\_\_\_ Water Disposal \_\_\_\_\_

Water Flood \_\_\_\_\_

Abandon \_\_\_\_\_

Water Disposal \_\_\_\_\_

Other \_\_\_\_\_

Abandoned \_\_\_\_\_

Other \_\_\_\_\_

MAP AND BOOK \_\_\_\_\_ Engineer \_\_\_\_\_

RECORDS FILED AND DATE Clerk \_\_\_\_\_

RECORDS & REQUIREMENTS CHECKED Engineer \_\_\_\_\_

Summary \_\_\_\_\_

Log and Core \_\_\_\_\_

History \_\_\_\_\_

E-log \_\_\_\_\_

Directional Survey \_\_\_\_\_

Other \_\_\_\_\_

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location \_\_\_\_\_ Notice states \_\_\_\_\_

Surface Inspection \_\_\_\_\_

Data Needed \_\_\_\_\_

Request Records \_\_\_\_\_ OGD170 \_\_\_\_\_

Correct records \_\_\_\_\_ OGD165 \_\_\_\_\_

(Specify)

CARDS \_\_\_\_\_

BOND \_\_\_\_\_

Hold \_\_\_\_\_ Reason \_\_\_\_\_

Release \_\_\_\_\_ Date Eligible \_\_\_\_\_ OGD150 \_\_\_\_\_

End premium year \_\_\_\_\_

Release requested \_\_\_\_\_

Bond superseded \_\_\_\_\_ (Check One)

Well abandoned \_\_\_\_\_

Environmental Inspection \_\_\_\_\_ Engineer \_\_\_\_\_

FINAL LETTER \_\_\_\_\_ OGD159 \_\_\_\_\_

and

File cleared \_\_\_\_\_ OGD121 \_\_\_\_\_

Production Reports \_\_\_\_\_

(If production reports not received, make notation and inform Senior Stenographer when received.)

# WELL SUMMARY REPORT

Operator XTRA ENERGY CORPORATION		Well NO. 27				
Field WILMINGTON		County LOS ANGELES	Sec. 19	T. 4S	R. 13W	B.&M. S.B.
Location (Give surface location from property or section corner, street center line and/or California coordinates) 131' NORTH & 73' EAST AT RIGHT ANGLES FROM THE SOUTHWEST PROPERTY CORNER WHICH IS THE NORTHEAST CORNER OF THE INTERSECTION OF MAIN ST & AT&SF RR.					Elevation of ground above sea level 38'	

Commenced drilling (date) 6-22-82	Total depth			Depth measurements taken from top of:	
	(1st hole) 4132'	(2nd)	(3rd)	<input type="checkbox"/> Derrick Floor	<input type="checkbox"/> Rotary Table
Completed drilling (date) 7-4-82	Present effective depth 4127'			Which is 12' feet above ground	
Commenced producing (date) 7-29-82	Junk			GEOLOGICAL MARKERS	
				"F" MARKER	
<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping				DEPTH	
<input type="checkbox"/> Gas lift				4004'	
Name of producing zone(s) RANGER				Formation and age at total depth	

	Clean Oil (bbl per day)	Gravity Clean Oil	Percent Water including emulsion	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production	10	14.0	21	0	60	60
Production After 30 days	9	14.3	18	0	60	60

CASING RECORD (Present Hole)								
Size of Casing (API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)
10-3/4"	SURF	578'	40.5	J-55	NEW	14-3/4"	515 SX	
7"	SURF	4010'	23	K-55	NEW	9-7/8"	330 SX	
5"	3936'	4127'	18	N-80	NEW	6-1/4" -	12"	

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) (See attached liner detail)  
5" JOHNSON "PIPELESS" WIRE WRAPPED, STAINLESS STEEL SCREEN LINER WITH 0.012" SLOTS. GRAVEL  
PACKED WITH 72 SACKS OF 20 - 40 MESH SAND.

Was the well directionally drilled? If yes, show coordinates at total depth	
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No 1742' NORTH AND 475' WEST @ 4173', TVD - 3607'
Electrical log depths 578' to 4126'	
Other surveys	

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Name JOHN D. CARMICHAEL		Title SENIOR VICE PRESIDENT	
Address 717 WALTON STREET		City SIGNAL HILL	Zip Code 90806
Telephone Number (213) 424-8549	Signature <i>John D. Carmichael</i>	Date OCTOBER 29, 1982	

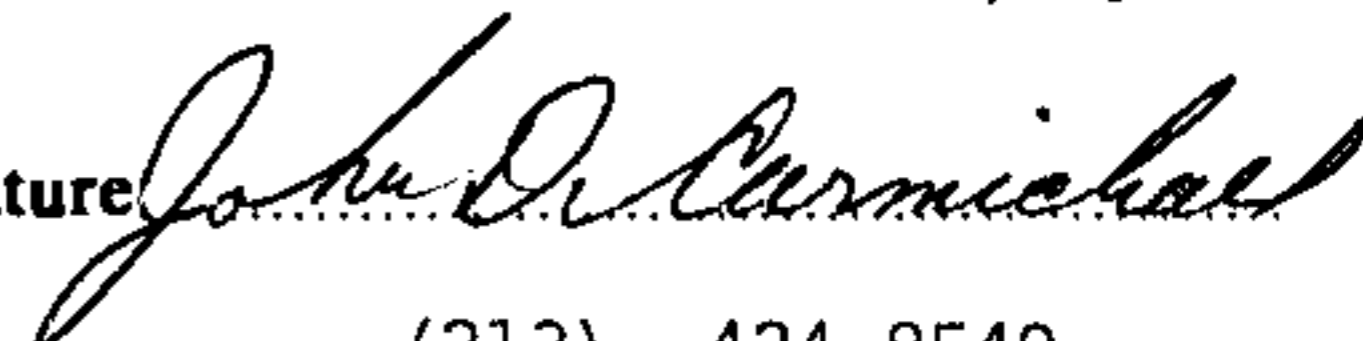
RECEIVED  
NOV 1 8 05 AM '82  
D GAS  
DIV. 3  
LONG BEACH, CA

SUBMIT IN DUPLICATE  
RESOURCES AGENCY OF CALIFORNIA  
DEPARTMENT OF CONSERVATION  
**DIVISION OF OIL AND GAS**

**History of Oil or Gas Well**

Operator XTRA ENERGY CORPORATION Field WILMINGTON County LOS ANGELES  
Well 27, Sec. 19, T. 4S, R. 13W, S.B. B. & M.  
A.P.I. No. 037-22673 Name JOHN D. CARMICHAEL Title SENIOR VICE PRESIDENT  
Date OCTOBER 29, 19 82 (Person submitting report) (President, Secretary or Agent)

Signature



717 WALTON STREET, SIGNAL HILL, CALIFORNIA 90806

(Address)

(213) 424-8549

(Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
6-22	MI fr Well No. 26, RU, spud in @ 5 A.M. Now drlg @ 113', CB mud, 75#/CF, WL 8.8 cc, vis 45", solids 12%, cake 2/32", sand 1%, oil 5%.
6-22	Cont'd drlg fr 113' to 578', made wiper trip, C & C mud, POH, RIH w/ B & W 10-3/4" stab in shoe, 15 jts 10-3/4", 40.5#, J-55, ST & C csg, shoe @ 578', RIH w/stab in on 4-1/2" DP, B - J cmtrs pmpd 100 CF dye wtr, 300 sx "G" cmt mxd 1:1:4, plus 205 sx class "G" cmt neat, dsplsd w/48 CF of mud, good circ throughout job, no cmt rtns, pmpd 10 sx top job & got good rtns. All cmt mxd w/2% CaCl <sub>2</sub> , CIP @ 3:50 A.M. Now instlg wellhead. CB mud wt 77#/CF, vis 67", WL 9.6 cc, cake 2/32", sand 2%, oil 3%.
6-24	Fin instlg well head, instld BOP, (cut off 20.03' of 10-3/4" csg). RIH w/ 9-7/8" drlg assy, cmt @ 563', test BOP, OK'd by DOG. C/O cmt & shoe, drld fr 578' to 640', C & C mud, POH, RIH w/Dynadril, dynadrld fr 640' to 988' @ 6 A.M. SS @ 882', 10° N 15° 30' W, hole is 2-1/2' rt & 9-1/2' hi. CB mud, wt 75#/CF, WL 5.4 cc, vis 41", solids 13%, 2% snd, 2% oil.
6-25	Dynadrld fr 988' to 1366', POH, RIH w/9-7/8" angle bldg assy, drld to 1669', made short trip, cont'd drlg to 1793' @ 6 A.M., SS @ 1669', 29° 30', N 22°W, hole is 27-1/2' hi & 11' left. CB mud, wt 72#/CF, vis 42", WL 5.0 cc, cake 2/32", solids 12%, sand 1.75%, oil 8%.
6-26	Cont'd drlg fr 1793' to 2189', POH, RIH w/9-7/8" bit on dynadril, drld fr 2189' to 2288', POH, RIH w/9-7/8" locked up drlg assy, reamed hole fr 2189' to 2288', drld to 2557' @ 6 A.M. SS @ 2495', 39° 30' N 14° W, hole is 34' left & 2' hi. CB mud wt 72#/CF vis 41", WL 4.8 cc, cake 2/32", solids 11%, snd 1%, oil 6%.
6-27	Cont'd drlg & surveying fr 2557' to 2760', RTCB, cont'd drlg to 3179' @ 6 A.M. SS @ 3073', 39° 15', N 13° W, hole is 15' left & 7' hi. CB mud wt 72#/CF vis 44", WL 4.9 cc, cake 2/32", 11% solids, 0.5% snd, 3% oil.
6-28	Cont'd drlg & surveying fr 3179' to 3228', RTCB, cont'd drlg to 3769' @ 6 A.M. SS @ 3678', 36° 45', N 12° W, hole is 6-1/2' rt & 7' hi. CB mud, wt 72#/CF, vis 42", WL 6.4 cc, cake 2/32", solids 12%, snd 0.5%, 8% oil.

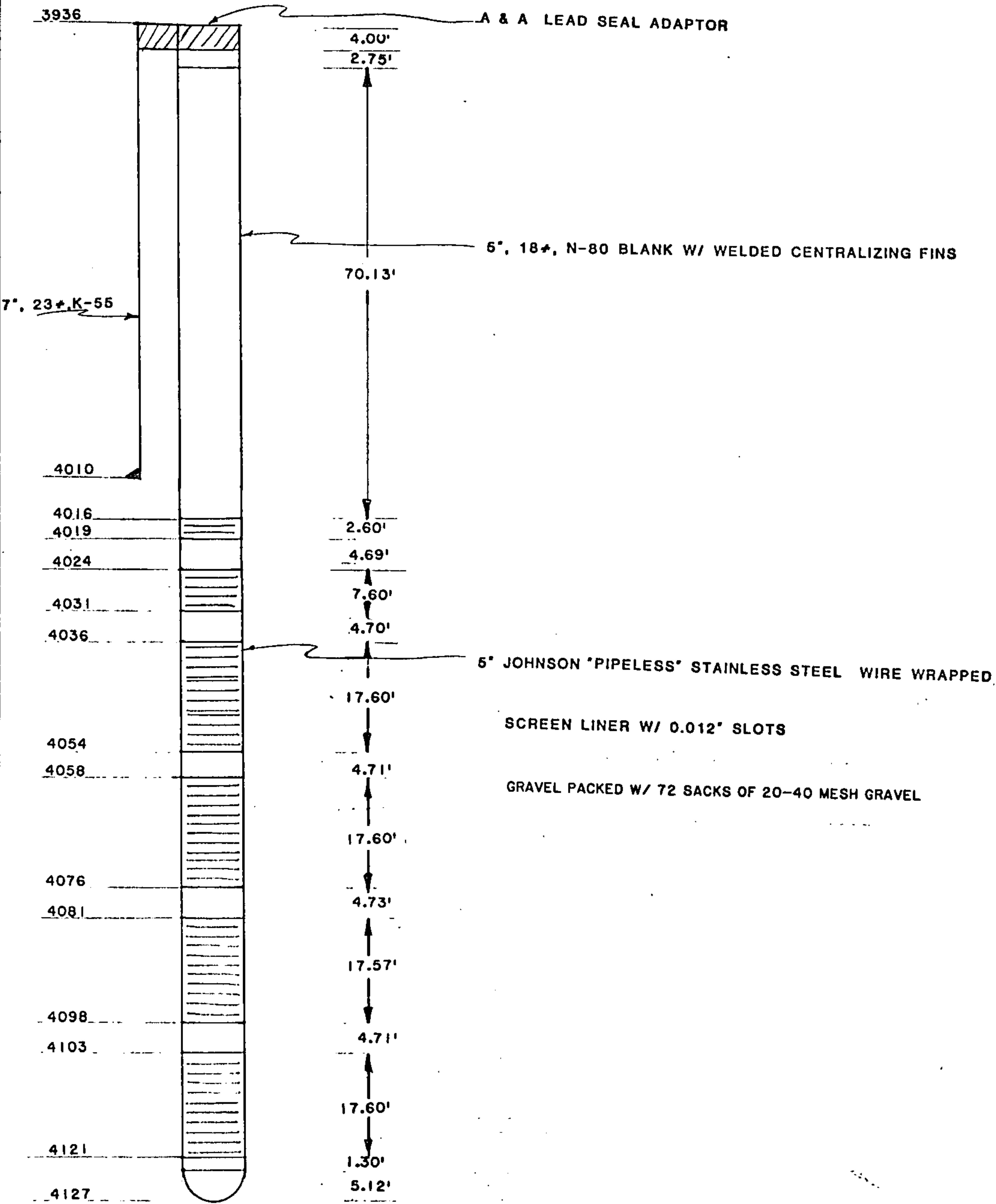
- 6-29 Cont'd drlg & surveying 9-7/8" hole fr 3769' to 4005', C & C mud, POH, RIH w/6-1/4" drlg assy, drld & surveyed fr 4005' to 4173', C & C mud, wipe 6-1/4" hole, spot drispac pill, POH, Sch RU, unable to go below 695', RIH w/OE DP to 695', pushed ball to 701', POH, RIH w/6-1/4" drlg assy, stopped @ 799', reamed to 815', lwr'd to 855', reamed to 860', C & C mud, RIH to 4173', now C & C mud, SS @ 4173', 36°, N 8° W, hole is 37' rt & 20' lo. CB mud, wt 72#/CF, WL 6.8 cc, vis 45", cake 2/32", solids 12%, snd 0.5%, oil 8%.
- 6-30 Cont'd C & C mud, POH, Sch RU & ran IES log fr 4134' to 578', unable to get log sonde below 4134', RIH w/9-7/8" bit, reamed fr 573' to 610', C & C mud, raised wt fr 72 to 75#/CF, POH to shoe of 10-3/4" csg, wait 1 hr, RIH to 4005', circ btm up, POH, LD 4-1/2" DP & 7" DC's, RU & start running 7" - 23# csg @ 6 A.M. CB mud, wt 75#/CF, vis 74", WL 6.1 cc, cake 2/32", 13% solids, 0.5% snd, 5% oil.
- 7-1 Cont'd RIH w/7" csg to 505', csg stopped, POH, RIH w/9-7/8" drlg assy, P/U 3-1/2" DP, reamed fr 609' to 669', RIH to 4007', C & C mud, POH, RIH w/ 110 jts 7", 23#, K-55 Buttress csg as follows: B&W basket shoe @ 4007', 2 jts csg, B & W FC @ 3940', 108 jts csg to surf, total length 4017', B -J cmtrs RU, pmpd 100 CF wtr, 80 CF "Mud Sweep", 245 sx "G" cmt mxd 1:1:4, followed by 85 sx neat "G" cmt, all cmt mxd w/2% CaCl<sub>2</sub>, dsplsd w/ 883 CF of mud, did not bmp plgs, CIP @ 6:30 A.M. CB mud, wt 77#/CF, vis 58", WL 4.8 cc, cake 2/32", solids 14%, snd 0.75%, oil 5%.
- 7-2 RD B - J cmtrs, land 7" - 23# csg w/10,000# over wt of string, cut off 17' of csg & instl csg head, instl & test BOP to 1000#, OK, RIH w/6-1/4" bit, cmt @ 3615', 325' above FC, D/O cmt to 3940', D/O FC & cmt to 3997', C & C mud, POH, RIH w/Lynes WSO tool, perf 4 - 1/2" holes @ 3994', set pkr @ 3909', opn tool @ 3:07 A.M. li blo for 10 min then dead, rlsd pkr @ 4:07 A.M. POH w/WSO tools, WSO test dry by DOG. CB mud, wt 76#/CF, vis 43", cake 2/32", 13% solids, 4% oil.
- 7-3 LD WSO tools, RIH w/6-1/4" drlg assy to 3997', D/O cmt & shoe @ 4010', C/O to 4173', Chng over fr CB to Polymer mud, POH, RIH w/Tri State hole opnr, opnd 6-1/4" hole to 12" fr 4010' to 4125', POH, Ran GO caliper log, RD GO @ 6 A.M. Polymer mud, wt 72#/CF, vis 41", WL 24 cc, 3% solids, 1% snd, 2% oil, 153,000 ppm Cl.
- 7-4 Ran 5", 18# liner w/5 jts of wire wrapped screen w/0.012" slots. Over all 186.84', w/shoe @ 4127' & landing nipple @ 3940', A & A pmpd 75 sx 20-40 mesh gvl, rvsd out 3 sx, 72 sx in place, Calc 71 sx, POH D-A ran Photon log, unable to go below 4026', RIH w/2-3/8" tbg & 45° collar, ran to 4127', no fill now POH @ 6 A.M. Polymer mud wt 72#/CF, vis 38", WL 8.8 cc, 2% solids, 149,300 ppm Cl, 2% oil.
- 7-5 Fin POH w/45° 2-3/8" collar, RU D-A ran Photon log fr 4127' to 3940', RIH w/lead seal adaptor, set adaptor w/top @ 3936', dspls Polymer mud w/SW, POH & LD DP & DC, rmvd BOP, landed 2 jts 2-7/8" tbg on tbg hd, RR @ 7 P.M. 13 hrs rig time, 4 hrs labor only, now RD to move to Well No. 28.

RECEIVED  
NOV 1 8 05 AM '82  
U GAS  
DIV. 1  
LO

# XTRA ENERGY CORP.

## LINER DETAIL

WELL NO. 27



RECEIVED

MAY 1 8 05 AM '82

DIV -

LOC. . . . . GAS  
CA.

THIS WELL WAS CHANGED FROM TORRANCE FIELD TO THE  
WILMINGTON FIELD AS PER THE FIELD BOUNDARY CHANGE  
ON SEPTEMBER 10, 1982.

DIVISION OF OIL AND GAS

Report on Operations

John D. Carmichael

XTRA ENERGY CORPORATION

717 Walton Street

Signal Hill, CA 90806

Long Beach, Calif.

July 14, 1982

Your operations at well 27, API No. 037-22673,  
Sec. 19, T. 4S, R. 13W, S.B.B. & M. Torrance Field, in Los Angeles County,  
were witnessed on 7/2/82 by W.E. Brannon, Engineer, representative of  
the supervisor, was present from 0600 to 0700. There were also present D. Eatman,  
Drilling Foreman

Present condition of well: 16" cem 58'; 10-3/4" cem 578'; 7" cem 4173' perf 3993' WSO.  
TD 4173' (Drilling)

The operations were performed for the purpose of testing the 7" shut-off at 3993' with a formation  
tester.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED  
NONE

DEFICIENCIES CORRECTED  
NONE

CONTRACTOR - California Production Service, Inc.

WEB: csw

cc: Update

M.G. MEFFERD

State Oil and Gas Supervisor

By [Signature]

Deputy Supervisor

Y. J. HARDON

RHS 7-2-82

182617

Operator Xtra Energy CorporationWell designation 27 Sec. 19, T. 45, R. 13W, 5B B.&M.Field Torrance, County Los Angeles, was tested for water shutoff on 7-2-83. (Name) W.E. Brannon, representative of the supervisor, was present from 0600 to 0700. Also present were D. Eatman (DE)Casing record of well: 16" cem 58'; 10 3/4" cem 578'; 7" cem 4173' perf  
3943  
3993' wso TD 4173 (drilling)The operations were performed for the purpose of (D-1) - 7" - 3993

- ☒ The 7 " shutoff at 3993 ' is approved.
- ☐ The seal between the \_\_\_\_\_ " and \_\_\_\_\_ " casings is approved.
- ☐ The operations are approved as indicating that all of the injection fluid is confined to the formations below \_\_\_\_\_ ' at this time.

Hole size: 9 7/8 " fr. 578 ' to 4173 ' ; \_\_\_\_\_ " to \_\_\_\_\_ ' ; & \_\_\_\_\_ " to \_\_\_\_\_ '.

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			
<u>7"</u>	<u>23#</u>	<u>0</u>	<u>4007</u>	<u>7-1-82</u>	<u>stab-in float collar</u>	<u>3305X</u>	<u>2000 ±</u>	<u>3615</u>	<u>-</u>	<u>500#</u>	<u>-</u>

Depth or interval tested 3993-3994  
The hole was open to 3997 ' for test.

## FORMATION TEST:

Packer(s) 3909 ' & \_\_\_\_\_ ' Tail 3939 ' Bean size 3/4 " Cushion NONE

IHP 1893 IFP 31 FFP 36 FHP 1911

Blow medium blow for 10 min then dead remainder of the test

Open for test ONE Hr. \_\_\_\_\_ min. Fluid entry 15' drill mud

## BAILING TEST:

The hole fluid was bailed to \_\_\_\_\_ ' , at \_\_\_\_\_ on \_\_\_\_\_ 19\_\_.

The hole fluid was found at \_\_\_\_\_ ' , at \_\_\_\_\_ on \_\_\_\_\_ 19\_\_.

(time)

## PRODUCTION TEST:

Gauge/meter reading \_\_\_\_\_ on \_\_\_\_\_ 19\_\_, at \_\_\_\_\_ pump depth \_\_\_\_\_ ' Engr. \_\_\_\_\_

Gauge/meter reading \_\_\_\_\_ on \_\_\_\_\_ 19\_\_, at \_\_\_\_\_ Engr. \_\_\_\_\_

Fluid level \_\_\_\_\_ ' surveyed on \_\_\_\_\_ 19\_\_, reviewed (witnessed) by \_\_\_\_\_

Total fluid produced, Bbls. \_\_\_\_\_ Net oil \_\_\_\_\_ Water \_\_\_\_\_

Rate: \_\_\_\_\_ B/D oil, \_\_\_\_\_ B/D water, \_\_\_\_\_ % water cut

## INJECTION SURVEY:

RA/Spinner/Temperature survey run at \_\_\_\_\_ B/D & \_\_\_\_\_ psi on \_\_\_\_\_ 19\_\_,

fluid confined below \_\_\_\_\_ ' (Packer depth \_\_\_\_\_ ')

DEFICIENCIES: 1 CORRECTED *NONE*

DEFICIENCIES-CORRECTED *NONE*

CONTRACTOR *California Production Service, Inc*

DIVISION OF OIL AND GAS

Report on Operations

John D. Carmichael

XTRA ENERGY CORPORATION

717 Walton Street

Signal Hill, CA 90806

Long Beach, Calif.

July 14, 1982

Your operations at well 27, API No. 037-22673  
Sec. 19, T. 4S, R. 13W S.B. B. & M. Torrance Field, in Los Angeles County,  
were witnessed on 5/23/82. S. Mulqueen, Engineer, representative of  
the supervisor, was present from 1400 to 1500. There were also present Dwayne Eatman,  
Drilling Foreman

Present condition of well: 16" cem 58'; 10-3/4" cem 578'. TD 578'. (Drilling)

The operations were performed for the purpose of testing the blowout prevention equipment and  
installation.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED  
NONE

DEFICIENCIES CORRECTED

1. Electric motor on accumulator plugged-in.

CONTRACTOR - California Production Service

SM: csw

cc: Update

M.G. MEFFERD

State Oil and Gas Supervisor

By

Deputy Supervisor

J.L. HARDOIN

DIVISION OF OIL AND GAS  
BLOWOUT PREVENTION EQUIPMENT MEMO

RH 4 7-2-82  
T 182-616

Operator XTRA ENERGY CORPORATION Well 27 Field TORRANCE County LOS ANGELES

VISITS: Date Engineer Time Operator's Rep. Title  
1st 5-23-82 S. MULQUEEN 1400 to 1500 DWAYNE EATMAN D.F.  
2nd \_\_\_\_\_ to \_\_\_\_\_ \_\_\_\_\_

Casing record of well: 16" CEM 58'; 10 3/4" CEM 578' TD 578' (DRILLING)

OPERATION: Testing (~~inspecting~~) the blowout prevention equipment and installation.  
DECISION: The blowout prevention equipment and installation are approved.

Proposed Well Opns: DRILL MPSP: \_\_\_\_\_ psi  
Hole size: 14 3/4" fr. 58' to 578', \_\_\_\_\_ " to \_\_\_\_\_ " & \_\_\_\_\_ " to \_\_\_\_\_ "

REQUIRED  
BOPE CLASS: III B 3M

CASING RECORD (BOPE ANCHOR STRING ONLY)					Cement Details	Top of Cement	
Size	Weight(s)	Grade (s)	Shoe at	CP at		Casing	Annulus
<u>10 3/4"</u>	<u>40.5</u>	<u>J-55</u>	<u>578'</u>	<u>—</u>	<u>CEM W/ 515 SX CLASS "G"</u>	<u>578'</u>	<u>SURFACE</u>

BOP STACK							a	b	a/b	TEST DATA			
API Symb.	Ram Sz.	Mfr.	Model or Type	Size In.	Press. Rtg.	Date Last Overhaul	Gal. to Close	Rec. Time Min.	Calc. GPM Output	psi Drop to Close	Secs. to Close	Test Date	Test Press
<u>A</u>	<u>10</u>	<u>SAFECO</u>	<u>GK</u>	<u>10</u>	<u>3000</u>	<u>—</u>						<u>5-23</u>	<u>1000</u>
<u>Rd</u>	<u>4 1/2</u>	<u>SHAFER</u>	<u>LWS</u>	<u>10</u>	<u>3000</u>	<u>—</u>						<u>5-23</u>	<u>1000</u>
<u>Rd</u>	<u>CSD</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>—</u>						<u>5-23</u>	<u>1000</u>

AUXILIARY EQUIPMENT

ACTUATING SYSTEM				AUXILIARY EQUIPMENT						
Accum. Unit(s) Wkg. Press. <u>3000</u> psi										
Total Rated Pump Output _____ gpm										
Distance From Well Bore <u>65</u> ft.										
Mfr.	Accum. Cap.	Precharge		No.	Sz. (in)	Rated Press.	Connections			
							Weld	Flan.	Thrd.	
1	<u>NL ACME</u>	<u>80</u> gal.	<u>1000</u> psi	<input checked="" type="checkbox"/>	<u>2</u>	<u>3000</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>1000</u>
2		gal.	psi	<input checked="" type="checkbox"/>	<u>1</u>	<u>3000</u>		<input checked="" type="checkbox"/>		<u>1000</u>
CONTROL STATIONS				<input checked="" type="checkbox"/>	<u>1</u>	<u>3000</u>		<input checked="" type="checkbox"/>		<u>1000</u>
<input checked="" type="checkbox"/>	Manif. at accum. unit		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>2</u>	<u>3000</u>			<input checked="" type="checkbox"/>	<u>1000</u>
<input checked="" type="checkbox"/>	Remote at Drlr's stn.			<input checked="" type="checkbox"/>	<u>6</u>	<u>3000</u>			<input checked="" type="checkbox"/>	<u>1000</u>
	Other: (PNEUMATIC)			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	
EMERG. BACKUP SYST.				<input checked="" type="checkbox"/>	<u>2</u>	<u>3000</u>			<input checked="" type="checkbox"/>	<u>1000</u>
<input checked="" type="checkbox"/>	N2 Cyl No: <u>4</u> Tpe: <u>J</u>	<u>11500</u>	<u>4.5</u> gal	<input checked="" type="checkbox"/>	<u>2</u>				<input checked="" type="checkbox"/>	
	Other:	<u>21800</u>	<u>6.9</u> gal	<input checked="" type="checkbox"/>	<u>2</u>					
		<u>32400</u>	<u>11.4</u> gal	<input checked="" type="checkbox"/>						
		<u>42200</u>	<u>9.9</u> gal	<input checked="" type="checkbox"/>						
		<u>5</u>	gal	<input checked="" type="checkbox"/>						
		<u>6</u>	gal	<input checked="" type="checkbox"/>						
				<input checked="" type="checkbox"/>	<u>4 1/2</u>	<u>5000</u>				<u>1000</u>
				<input checked="" type="checkbox"/>	<u>4 1/2</u>	<u>5000</u>				<u>—</u>

HOLE FLUID

MONITORING EQUIPMENT

Alarm Class

<input checked="" type="checkbox"/>	Calibrated Mud Pit	Aud.	Vis.	A
<input checked="" type="checkbox"/>	Pit Level Indicator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B
<input checked="" type="checkbox"/>	Pump Stroke Counter	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	B
	Pit Level Recorder			C
	Flow Sensor			
	Mud Totalizer			
	Calibrated Trip Tank			
	Other:			

REMARKS:

Hole Fluid Type	Weight	Storage-Pits
<u>CLAY BASE</u>	<u>79# / cf</u>	<u>800 BBL</u>

DEFICIENCIES—TO BE CORRECTED  
*NONE*

DEFICIENCIES—CORRECTED  
*ELECTRIC MOTOR ON ACCUMULATOR  
PLUGGED - IN.*

CONTRACTOR  
*CALIFORNIA PRODUCTION SERVICE*

782

(field code)

06

(area code)

30

(new pool code)

—

(old pool code)

# REPORT ON PROPOSED OPERATIONS

John D. Carmichael

**XTRA ENERGY CORPORATION**

717 Walton Street

Signal Hill, CA 90806

## Long Beach

June 3, 1982

, California

Your \_\_\_\_\_ proposal to \_\_\_\_\_ drill \_\_\_\_\_ well \_\_\_\_\_  
A.P.I. No. 037-22673, Section 19, T. 4S, R. 13W, S.B. \_\_\_\_\_ B. & M.,  
Torrance field, Onshore area, Ranger pool,  
Los Angeles County, dated 5/24/82, received 5/28/82 has been examined in conjunction with records  
filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment, equivalent to this Division's Class IIIB, 3M requirements, or better, shall be installed and maintained in operating condition.
2. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. All oil, gas or fresh water sands behind the 7" casing shall be protected by either lifting cement or by multiple stage cementing.
4. This Division shall be consulted and a Supplementary notice may be required before making any changes in the proposed program.
5. The provisions of Sec. 3606 relating the derricks and subsurface spacing shall be followed.
6. A directional survey shall be made and filed with this Division.

THIS DIVISION SHALL BE NOTIFIED:

- a. To witness a test of the installed blowout prevention equipment prior to drilling out cement in the shoe of the 10-3/4" casing.
- b. To witness a test of the effectiveness of the 7" shut-off above the Ranger Zones.

RHS : csw

cc: EDP  
Update Center

Blanket Bond

**M. G. MEFFERD, State Oil and Gas Supervisor**

By J. L. Hardoin  
Deputy Supervisor J. L. HARDOIN

**A copy of this report and the proposal must be posted at the well site prior to commencing operations.**

**Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.**

# DIVISION OF OIL AND GAS

## Notice of Intention to Drill New Well

0/6 5-28-82

C.E.Q.A. INFORMATION			
EXEMPT CLASS <input checked="" type="checkbox"/>	NEG. DEC. <input type="checkbox"/>	E.I.R. <input type="checkbox"/>	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
	S.C.H. NO. _____	S.C.H. NO. _____	
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
126	151	5-28-82	Blanket	114	121
				5-28-82	5-28-82

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. 27, API No. 037-22673,  
(Assigned by Division)

Sec. 19, T4S, R13W, S.B. B. & M., Torrance Field, Los Angeles County.

Legal description of mineral-right lease, consisting of 103 acres, is as follows: \_\_\_\_\_  
(Attach map or plat to scale)

Map of Sanitation District previously submitted

Do mineral and surface leases coincide? Yes \_\_\_\_\_ No X. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 131 feet North along section / property line and 73 feet East  
(Direction) (Cross out one) (Direction)

at right angles to said line from the Southeast corner of section / property which is xxx  
(Cross out one)

the intersection of Main Street and the AT & SE right-of-way.

Is this a critical well according to the definition on the reverse side of this form? Yes ☐ No ☒

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth:  
1684 feet North and 498 feet West  
(Direction) (Direction)

Elevation of ground above sea level 38 feet.

All depth measurements taken from top of Kelly Bushings that is 12 feet above ground.  
(Derrick Floor, Rotary Table, or Kelly Bushing)

### PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
10-3/4"	40.5	J-55	Surf	600'	600'	Surf
7"	23#	K-55	Surf	4080'	4080'	1940'
5"	18#	N-80	4010	4205'	Wire wrapped screen liner w/0.012" slots.	

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Ranger, -3460', 1200 psi Estimated total depth 4210'  
(Name, depth, and expected pressure)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator <u>XTRA ENERGY CORPORATION</u>		Type of Organization (Corporation, Partnership, Individual, etc.) <u>Corporation</u>	
Address <u>717 Walton Street</u>		City <u>Signal Hill, CA</u>	Zip Code <u>90806</u>
Telephone Number <u>(213)424-8549</u>	Name of Person Filing Notice <u>John D. Carmichael</u>	Signature <u>John D. Carmichael</u>	Date <u>5-24-82</u>

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice or supply the following information:

Lead Agency: \_\_\_\_\_ City of Carson

Lead Agency Contact Person: \_\_\_\_\_ Joel Miller

Address: \_\_\_\_\_ P. O. Box 6234

\_\_\_\_\_ Carson, CA 90749

Phone: ( 213 ) \_\_\_\_\_ 830-7600

FOR DIVISION USE ONLY	
District review of environmental document (if applicable)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Remarks: _____	
_____	
_____	

### CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

- (1) 300 feet of the following:
  - (A) Any building intended for human occupancy that is not necessary to the operation of the well; or
  - (B) Any airport runway.
- (2) 100 feet of the following:
  - (A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
  - (B) Any navigable body of water or watercourse perennially covered by water;
  - (C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
  - (D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

RECEIVED  
MAY 28 1 50 PM '82  
DIVISION OF GAS  
AND OIL  
CALIF. REG. CO.

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 27 (I-11)

Reference Point: KB which is 12' above G. E.  
Surface Location: Lambert Coordinates N-4,041,448 E-4,204,648  
Bottom Hole Location: Lambert Coordinates N-4,043,132 E-4,204,150  
Elevation: 38' GE + 12' KB = 50'

Proposed Casing Program:

10-3/4" 40.5 # to be cemented at 600'  
7 " 23 # to be cemented at 4080'  
5 " 18 # to be hung at 4205', top @ 4010'.

Perfs: 4090' to 4200' Wire wrapped pipeless Johnson Screen liner with  
0.012" slots.

Proposed Hole Size:

0' to 600' 14-3/4" hole  
0' to 4080' 9-7/8" hole  
4080' to 4210' 6-1/4" hole to be underreamed to 12".

Proposed Total Depth: 4210'

Directional Program

Deflect hole at 650' and increase inclination at 3°/100' in a N 16°30' W direction to 39° at 1941' (T.V.D. - 1845'). Maintain 39° inclination to a depth of 3235'. Target is a 100' diameter circle with its center 1684' North and 498' West of the surface site. A total displacement of 1756'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.
2. For drilling from 600' to 4210', use a fresh water clay base mud with the following properties.
  - a. Weight 72 #/CF
  - b. Fluid loss 5cc
  - c. P.V. 8 - 14 cps
  - d. YP 4 - 6#/100 sq. ft.
  - e. Funnel vis 38 - 42"
  - f. Solids 12%

Page two

3. For underreaming 6-1/4" hole to 12", use a polymer mud with the following properties.
  - a. Weight 72#/CF
  - b. P.V. 12 - 18 cps
  - c. YP 4 - 6 #/100 sq. ft.
  - d. Funnel vis 34 - 38"
  - e. Solids Minimum
  - f. KCl (KCl) 4%

BOP Requirements

1. Bag type - Hydraulic 10" - 3000. 3000 psi WOG.
2. Ram type - double, hydraulic, 10" - 3000, 3000 psi WOG.
3. Accumulator - 80 gallon with dual controls.

Program

1. Install 16" conductor pipe to  $\pm$  40'.
2. Move in and rig up rotary equipment.
3. Drill 14-3/4" hole to 600'.
4. Run 10-3/4", 40.5#, J-55 casing to 600'. Casing to be fitted with B & W stab-in shoe and centralizers on 1st, 2nd and 3rd joints. Cement 10-3/4" casing with 300 sacks of API class "G" cement mixed 1:1 with peralites and 4% Gel followed by enough neat "G" cement to get cement returns. All cement to be mixed with 2% CaCl<sub>2</sub>.
5. Install wellhead and BOP. Representative of D.O.G. to witness pressure test of B.O.P.
6. Run 9-7/8" bit and clean out to 600'. Drill 9-7/8" hole to 4080'. Reduce hole size to 6-1/4" and drill to 4210'.
7. Run Induction electric log from total depth to the shoe of the 10-3/4" casing. Use 20 ohm scale. Two field prints are required including one with 5" scale.
8. Run 7", 23#, K-55 casing to 4080'. Casing to be fitted with B & W Basket Shoe and B & W float collar 2 joints above shoe. Centralizers to be installed on 1st, 2nd, 4th and 6th joints above shoe. Cement 7" casing as follows: 300 linear feet (80 CF) of "mud sweep" or equivalent followed by 245 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) mixed with 2% CaCl<sub>2</sub>, followed by 85 sacks of G cement, neat. Cement to reach 2000' TVD. Land Casing.

Page three

9. After 24 hours, clean out cement to 4070' (+ 10' above shoe). Run combination jet perforator and casing tester. Shoot 4 holes as directed and test water shut off. Results of WSO test to be witnessed by representative of California Division of Oil and Gas.
10. Run 6-1/4" bit, drill out shoe at 4080' and clean out to 4210'.
11. Change over to Polymer completion fluid.
12. Underream 6-1/4" hole to 12" from the 7" casing shoe to total depth. Run Caliper log.
13. Make up and run 5", 18#, K-55 liner as directed.
14. Gravel pack 5" x 12" annulus with + 75 CF of 20 - 40 mesh gravel.
15. Displace Polymer mud in hole with salt water and close in.
16. Move out rotary equipment.

No.27 (I-11)

JDC:sc  
5-24-82